Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 29 Jul 2023 until 23:59 on Sunday 30 Jul 2023

Forecast Issued on Saturday 29 Jul 2023 at 00:43

Confidence: High confidence for the continuing unsettled weather. Lower for details of rain and cloud, particularly Tuesday.

Headline for Saturday 29 Jul 2023: Overnight rain clearing, then sunny spells with scattered showers.

Mountain weather hazards on Saturday 29 Jul 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain showers	Light rain showers	Light rain showers	Light rain showers	Light rain showers
Precipitation probability					
60%	30%	30%	20%	30%	40%

Forecast for Saturday 29 Jul 2023

Weather: Overnight rain clearing eastwards shortly after dawn. Variable amounts of cloud with some brighter spells developing, but also scattered showers, these mainly light. Showers may become more frequent through the evening, merging to give longer periods of rain.

Chance of cloud-free hill tops above 600m: 30% through the early hours, becoming 90%.

Low Cloud and visibility: Areas of cloud at first, base 300-400m. This lifting gradually during the morning, reaching around 700m during the afternoon, so only the highest summits will remain in cloud. Cloud will tend to lower back towards 500m during the evening. Visibility mostly very good away from cloud and rain. Moderate to poor in rain or showers, and very poor in low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 29 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/22 SW	19/26 SW	21/29 SW	24/34 SW	21/31 SW	20/29 SW	20/29 SW
300	10/21 SW	12/23 SW	14/28 SW	16/30 SW	14/29 SW	13/28 SW	13/28 SW
Valley	7/17 SW	10/21 SW	14/27 SW	14/28 SW	13/28 SW	11/25 SW	10/25 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/7	11/8	12/8	12/8	11/7	10/7
300	12/11	14/11	15/12	15/12	14/12	13/11	12/10
Valley	14/13	15/13	16/13	16/14	16/13	15/13	14/12
Freezing Level*	2200m	1900m	2000m	2000m	2200m	2100m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Breezy at higher elevations, making it feel a little chilly. High UV levels despite the cloud, so sun protection is recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 29 Jul 2023	0.4mm	9.4mm	20.2mm

Forecast for Sunday 30 Jul 2023

Weather: Becoming cloudier through the early hours with scattered showers likely, these possibly heavy with very low risk of thunder. Showers becoming fewer and less heavy during the afternoon, with some brief brighter spells. Cloud thickening late afternoon ahead of a band of rain arriving during the evening. Wind strengthening during the day.

Maximum wind: Westerly or southwesterly 25-30 mph, gusting 40-45 mph.

Chance of cloud-free hill tops above 600m: 60%

Low Cloud and visibility: Areas of cloud base around 400m at first, gradually lifting towards 700m, but unlikely to clear the highest summits for long, if at all. Becoming widespread cloud, base around 300-400m, during the evening. Visibility often good away from showers and cloud for much of the day, but becoming poor or very poor in rain and low cloud covering the hills later.

Temperature: **Valleys:** Plus 10C becoming plus 18C
At 600m: Plus 10C becoming plus 13C
Freezing level: Above the summits

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